

# Central Puget Sound GIS User Group Monthly Meeting Presentation

## King County GIS Center

*'Putting GIS to Work in King County'*

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# King County GIS Center Mission & Responsibilities

**The King County Geographic Information System (KCGIS)** is a coordinated regional geographic information resource, organized to meet the business needs of King County, local agencies, and the general public.

**KCGIS** is comprised of both the DNRP **King County GIS Center** (responsible for core GIS resources and enterprise services for the entire County) and business specific activity in various GIS units distributed across other County departments.

In 2001 County Executive Sims initiated the movement of the **King County GIS Center** from ITS to DNRP, with the DNRP Director responsible for overall coordination of Countywide GIS.

The **King County GIS Center** is also responsible for management of all GIS staff and activity for four DNRP divisions (WLR, WTD, SWM, Parks).

The **King County GIS Center** mission is to provide value to the region through GIS leadership and coordination, efficient infrastructure, and quality service to meet the business needs of King County and the communities we serve.



# Status of King County GIS

- King County departments focus on *their core business* - with GIS as one of many tools
- **KCGIS Center** coordinates Countywide GIS activity
- **KCGIS Center** provides centralized resources & services
- **KCGIS Center** helps departments put GIS to work - to meet *their core business* needs - with GIS resources, standards, & support - *our core business*
- **KCGIS Consolidation** - Countywide & within DNRP
- **Future: Regional GIS Support**



# KCGIS Center Organization

## KCGIS Data Warehouse

- ❑ Public library of GIS data
- ❑ Department data maintenance
- ❑ KCGIS Center data QA
- ❑ Metadata
- ❑ Web site
- ❑ Data access front end tools

## GIS Client Services

- ❑ GIS consulting
- ❑ Map production & publication cartography
- ❑ Custom programming
- ❑ GIS analysis
- ❑ Training
- ❑ Data maintenance
- ❑ Technical writing
- ❑ Client GIS customization



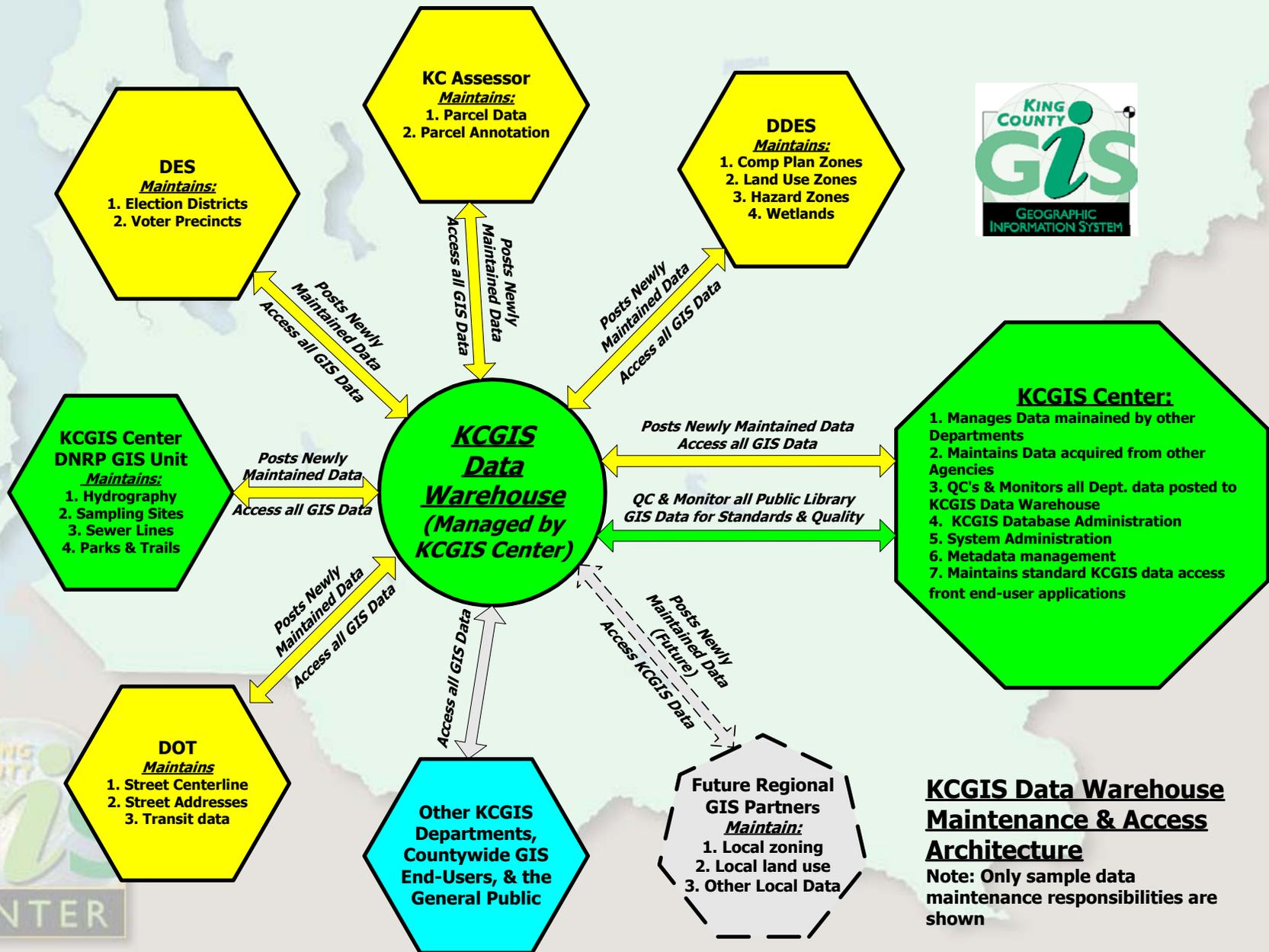
# KCGIS Data Warehouse

- **5 KC Departments share primary responsibility for GIS data maintenance**
- ***KCGIS Center* manages KCGIS Data Warehouse *Public Library* (DBA, metadata, server/network administration, back-end & front-end applications, etc.) for KC departments**
- **12 KC departments (with 500+ users) access KCGIS Data Warehouse via KC WAN and pay *KCGIS Center* O&M costs on a shared basis**
- **External agencies will be able to access KCGIS Data Warehouse and Applications via I-NET**



# KCGIS Data Warehouse

([www.metrokc.gov/gis/sdw](http://www.metrokc.gov/gis/sdw))



# KCGIS Map Portal iMap

([www.metrokc.gov/gis/mapportal](http://www.metrokc.gov/gis/mapportal))

Map Portal - Microsoft Internet Explorer

King County, Washington Map Portal  
Department of Information and Administrative Services, GIS Center

**Layers**

Visible	Active	Layer Name
<input checked="" type="checkbox"/>	<input type="radio"/>	Streets
<input checked="" type="checkbox"/>	<input type="radio"/>	Urban Growth Area Line
<input checked="" type="checkbox"/>	<input type="radio"/>	Lakes and Large Rivers
<input checked="" type="checkbox"/>	<input type="radio"/>	Muckleshoot Tribe
<input checked="" type="checkbox"/>	<input type="radio"/>	Parcel
<input checked="" type="checkbox"/>	<input type="radio"/>	Incorporated Area
<input checked="" type="checkbox"/>	<input type="radio"/>	Zoning Labels
<input type="checkbox"/>	<input type="radio"/>	Comprehensive Plan Land Use
<input checked="" type="checkbox"/>	<input checked="" type="radio"/>	Zoning
<input checked="" type="checkbox"/>	<input type="radio"/>	Aerial Photos

Refresh Map

Zoom In Help Metadata **Property Search** — Change Map Set —

Toggle Overview Map Internet

**Zoning is now the Active Layer**

# KCGIS Center Client Services

- KC departments vary in their business need for GIS
- KC department GIS resources & development vary:
  - GIS support staff
  - Trained GIS users
  - Integration of GIS applications into department business
- *KCGIS Center Client Services* support County departments with backup & specialized services
- KC departments receive *KCGIS Center Client Services* on a cost reimbursable basis
- Outside agencies (Port of Seattle, SoundTransit, several local cities, etc.) also utilize *KCGIS Client Services*



# KCGIS Client Services - Examples & Benefits

## Client/Project Examples

- ❑ KC EOC - GIS Integration
- ❑ KC Parks Dept. - Regional Trails map
- ❑ Transportation Planning - Park & Ride Analysis Maps
- ❑ KC WTD GIS staffing
- ❑ SoundTransit - Auto Dealer Application
- ❑ City of Tukwila GIS Needs Assessment & Action Plan
- ❑ City of Kirkland Parks Map

## Client Services Benefits

- ❑ Access to 30+ GIS staff with a wide variety of knowledge & experience
- ❑ On-call access to specialized GIS services, products, skills, & abilities
- ❑ Resource for peak workloads, staff absence, or vacancies
- ❑ Stability & reliability for department or agency business GIS needs



# Summary & Discussion

- ***KCGIS Center Data Warehouse & Client Services***
- ***KCGIS Center Web Site - [www.metrokc.gov/gis](http://www.metrokc.gov/gis)***

